




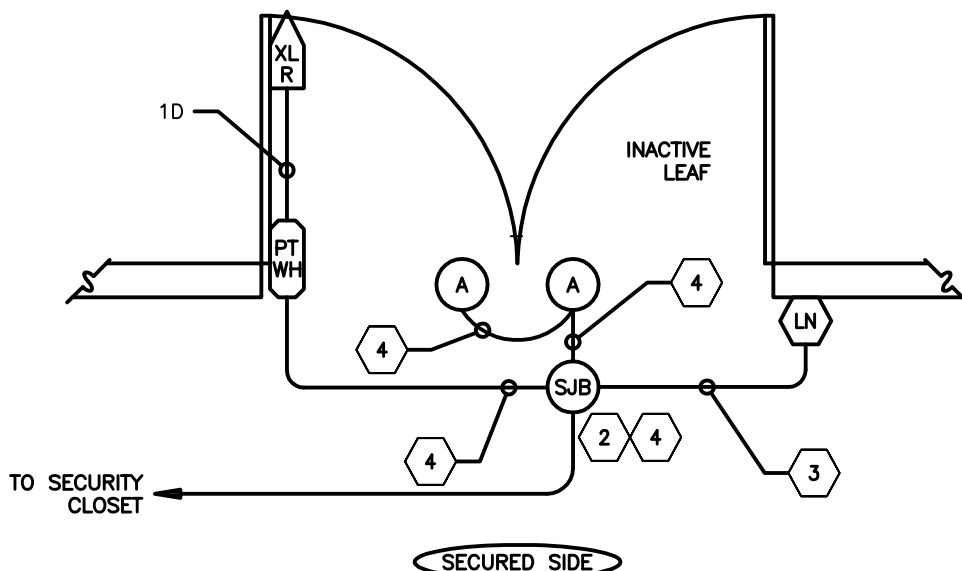


| SYMBOLS LIST | |
|---|------------------------------|
|  | ALARM CONTACT |
|  | POWER TRANSFER WIRED HINGE |
|  | LOCAL NOISE, SIREN & PIEZO |
|  | SECURITY JUNCTION BOX |
|  | MANUAL LOCKSET, w/REX SWITCH |



OPERATION

IN THE NORMAL STATE, THE DOORS ARE CLOSED, LOCKED ON THE UNSECURED SIDE AND UNLOCKED ON THE SECURED SIDE. IF THE DOORS ARE OPENED FROM THE UNSECURED SIDE, AN ALARM WILL BE GENERATED BY THE SIREN. THE REQUEST-TO-EXIT MICROSWITCH, OPERATED BY THE SECURED SIDE HANDLE, WILL SHUNT THE ALARM BUT WILL NOT UNLOCK THE LOCK. IF THE DOORS ARE HELD PAST THE PRESET OPEN TIME, A PIEZO PRE ALARM WARNING WILL SOUND A WARNING UNTIL THE DOORS ARE CLOSED. IF THE DOORS ARE LEFT OPEN, OR ARE FORCED OPEN, A SIREN WILL SOUND UNTIL THE DOORS ARE CLOSED. IF THE DOORS ARE OPENED FROM THE UNSECURED SIDE WITH A KEY, A DOOR FORCED ALARM WILL BE GENERATED.

DIAGRAM NOTES

1. THIS DRAWING IS FOR DIAGRAMMATIC PURPOSES ONLY. FOR ACTUAL HANDING AND SWING, REFERENCE FLOOR PLANS.

- 2 THE WIRES IN THE INNER WHITE AND GREEN STRIPED JACKETED CABLE ARE SPARE.
- 3 USE THE INNER WHITE AND YELLOW STRIPED JACKETED CABLE FROM THE X CABLE. LAND COLOR CODED WIRES PER THE POINT-TO-POINT WIRING DIAGRAM AND SPARE OFF ANY UNUSED WIRES.
- 4 USE THE INNER WHITE AND PURPLE STRIPED JACKETED CABLE FROM THE X CABLE. LAND COLOR CODED WIRES PER THE POINT-TO-POINT WIRING DIAGRAM AND SPARE OFF ANY UNUSED WIRES.

HB-1

DOUBLE DOOR, ALARMED/FREE EXIT
MANUAL LOCKSET w/REX SWITCH, LOCAL NOISE (SIREN & PIEZO)
DIAGRAM

SCALE: N.T.S.

LBNL ELECTRICAL STANDARDS
SECURITY CARD ACCESS HB-1
DOUBLE DOOR, ALARMED/FREE EXIT, MANUAL LOCKSET

| | |
|---------------|-------|
| DRAWN BY | DATE |
| CHECKED BY | |
| APPROVED BY | |
| CAD FILE PATH | |
| SCALE | NTS |
| DRAWING NO. | SHEET |
| SEC108A | HB-1 |
| PROJECT NO. | |

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FACILITIES DIVISION